

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/553,928
Source: PCT
Date Processed by STIC: 11/03/2005

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PCT

RAW SEQUENCE LISTING

DATE: 11/03/2005

PATENT APPLICATION: US/10/553,928

TIME: 08:27:22

Input Set : D:\SONN079US.APP.txt

Output Set: N:\CRF4\11032005\J553928.raw

3 <110> APPLICANT: MEINKE, ANDREAS
 4 MIN BUI, DUC
 5 NAGY, ESZTER
 6 HENICS, TAMAS
 8 <120> TITLE OF INVENTION: H. PYLORI ANTIGENS
 10 <130> FILE REFERENCE: SONN:079US
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/553,928
 13 <141> CURRENT FILING DATE: 2005-10-20
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/004255
 16 <151> PRIOR FILING DATE: 2004-04-22
 18 <150> PRIOR APPLICATION NUMBER: EP 03450097.5
 19 <151> PRIOR FILING DATE: 2003-04-22
 22 <160> NUMBER OF SEQ ID NOS: 358
 24 <170> SOFTWARE: PatentIn Ver. 2.1
 26 <210> SEQ ID NO: 1
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 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
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 32 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 33 Primer
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61 aactccgcct ctgatgtgtt cacttatggg gtaggaacag atgtcctcta taactttatc 1560
62 aacgataaag ccacaaaaaa caataagatt tcttttgggg tggttggggg gattgcgtta 1620
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77 Primer
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90 ccttattttg taacaaacgc tgagaaaatg accgctcaat tggataacgc ttacatcctt 660
91 ttaacggata aaaaaatctc tagcatgaaa gacattctcc cgctactaga aaaaaccatg 720
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93 ctagtggtga ataaattaag aggcgtgttg aatatcgag cggttaaagc tccaggcttt 840
94 ggggacagaa gaaaagaaat gctcaaagac atcgctattt taaccggcgg tcaagttatt 900
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98 aaagaaaaat tgcaagaaag gttggctaaa ctctctggcg gtgtggctgt gattaaagtg 1140
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100 gcgactaaaag cggctgttga agaaggtatt gtgattggcg gcggtgcggc tctcattcgc 1260
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104 aagtatgtgg atatgtttaa agaaggcatt attgacctt taaaagtaga aaggatcgct 1500
105 ttacaaaatg cggtttcggt ttcaagcctg cttttaacca cagaagccac cgtgcatgaa 1560
106 atcaaaagaa aaaaagcggc ccagcaatg cctgatatgg gtggcatggg cggtatggga 1620
107 ggcattgggtg gcatgatg 1638
110 <210> SEQ ID NO: 3
111 <211> LENGTH: 1410

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112 <212> TYPE: DNA
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115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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123 tatttttttag ccctagaaga gataaagaat gaaatcaaaa acaaaagcgt gggtttttta 240
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125 aaagaagatt tgctcatcgt tacgccaagc gatcatttga ttaaagacct tcaagcgat 360
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137 aacgaggtag aaacaaacaa ccaagaattg ttgcaaacyc aactaaagt ctatcgccct 1080
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149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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158 gcgctaaaaa ccatagtgga gcgcagaaaa attgaacacc aattgcaaga agctatagaa 180
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162 ttattagaac gaatgcttga aatctacgcc actcaagcca aagcgagcgc ggaacttgta 420
163 gagggagcgt ggaagagcgt taaaaagtcg ttggactttt ataccgataa gcaccaggaa 480
164 tttatcaaac gcttgaacta tgcgagtga gcgatagaca acgaatacaa tatcgcgccc 540
165 ccagaaattt tgaacgagag cgattttgaa agccctacga ttgtttataa ccctaaaaaa 600
166 agcgtttatg atgaacactt gaaagatttg aggggaagatt ttagcttttc tttatacgct 660

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167 gatttgaaaa acagaattaa cgcttcttct aagctagatc gcaccacaac ctctaaagag 720
168 caagaatttg aaaagaattt agaggatttg atgccaggct ttagagggtg aactgacact 780
169 ttgtctggcg atgaattaga gcacatggca agcttttagag ggcaagaatt tgaaaagaat 840
170 ttagaggatt tgatgccgag ttcttttaggc gtgcattctt atgatgagag cttgaattta 900
171 gccaaaaaga attgcgttaa aaattgtaag aaagcttttag gagattttac agaaaaaatc 960
172 aaagaatccc ccaacgattt gaacgcgtata aacgaagctt ttaatcattt ggaaacagag 1020
173 ttagaacgcg ctacagaaaa tttagagccaa aaaatagcgc ctattttaga gcggtatgaa 1080
174 aatgataagc ggcaaaaatt gggttatggc gagtttttag aaaaagaaaa agaggggctt 1140
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176 gaatttgaga gcgttttttag cgccattgtg ctttttagagg atttagataa acctgcatgc 1260
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188 <220> FEATURE:

189 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

190 Primer

192 <400> SEQUENCE: 5

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195 cctaaagacg atttagcgga aatcatgctt ttagcggtta gccctggcat gatgaggggc 180
196 gatgcgcaag atgtgcaatt aaacatcggt ccaaatgca agttaaggat cacttcgcaa 240
197 tcctttgaaa aaatccataa cactgaagat gggtttgcca gcagagacat gcatattgtt 300
198 gtgggggaaa acgctttttt agattttgcg cttttccgt taatccctt tgaaaacgcg 360
199 cattttaagg gcaacaccac gatttctttg cgctctagct ctcaattgct ctatagttaa 420
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201 aaaatctcta tttacaaga tgagaaaccc atctattatg acaacacgat ttagatccc 540
202 aaaccaccg acttaataa catgtgcatg tttgatggct atacgcatta tttgaatttg 600
203 gtgcttgta attgccccat agagctctct ggtgtgagag aatgcattga agaaagcgaa 660
204 ggggtggatg gggcagtgag tgaaaccgct agttctcatt tatgcgtgaa agcttttagc 720
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212 <213> ORGANISM: Artificial Sequence

214 <220> FEATURE:

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216 Primer

218 <400> SEQUENCE: 6

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221 gaagagctta aattcggtgg cggtaaaacc ctgagagaag gcatgagcca atccaacaac 180
222 cctagcaaag agaattgga tctaatacct actaacgctt taatcggtga ttacaccggt 240
223 atttataaag cggatattgg tattaaagat ggcaaaatcg ctggcattgg taaaggcggt 300

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224 aacaaagaca tgcaagatgg cgtaaanaac aatccttagcg taggtcctgc tactgaagcc 360
225 ttagccggtg aaggtttgat cgtaactgct ggtggtattg acacacacat ccacttcatt 420
226 tcacccaac aaatccctac agcttttgca agcgggtgtg caaccatgat tgggtggcgga 480
227 actggtcctg ctgatggcac taatgcgact actatcactc caggcagaag aaatttaaaa 540
228 tggatgctca gagcggctga agaataattct atgaacttag gtttcttggc taaaggtaac 600
229 gcttctaacg acgcgagctt agccgatcaa attgaagctg gtgcgattgg ctttaaaatc 660
230 cacgaagact ggggcaccac tccttctgca atcaatcatg cgtagatgt tgcagacaaa 720
231 tacgatgtgc aagtcgctat ccacacagac actttgaatg aagccggttg cgtggaagac 780
232 actatggcag ctattgccgg acgcactatg cacactttcc acactgaagg tgctggcggc 840
233 ggacacgctc ctgatattat taaagtagct ggtgaacaca acattcttcc cgcttccact 900
234 aaccccacta tccctttcac tgtgaataga gaagcagaac acatggacat gcttatggtg 960
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243 catcatggta aagccaaata cgatgcaaac atcacttttg tgtctcaagc ggcttatgac 1500
244 aaaggcatta aagaagaatt agggcttgaa agacaagtgt tgccggtaaa aaattgcaga 1560
245 aacatcacta aaaaagacat gcaattcaac gacactaccg ctcacattga agtcaatcct 1620
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253 <213> ORGANISM: Artificial Sequence

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257 Primer

259 <400> SEQUENCE: 7

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271 cacgaagact ggggcaccac tccttctgca atcaatcatg cgtagatgt tgcagacaaa 720
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274 ggacacgctc ctgatattat taaagtagct ggtgaacaca acattcttcc cgcttccact 900
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:50; N Pos. 735
Seq#:226; Xaa Pos. 907
Seq#:228; Xaa Pos. 245

VERIFICATION SUMMARY

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number
L:1979 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:720
L:11016 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:896
L:11355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:240